



SAFETY DATA SHEET

According to EC 1907/2006 (REACH)

Date last verification : 2018-03-15
Revision date : 2018-03-01
Publication date : 2017-08-14

Version number : 7.0

Last modifications in sections : 2.1 - 2.2 - 4.1 - 7.1 - 8.2 - 11.1 - 14.1 - 14.2 - 14.3 - 14.4 - 14.5

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

SDS : 33161
Product code 12nc : 4219 460 17941
Supplier : KLUEBER LUBRICATION MÜNCHEN KG

Geisenhausenerstrasse 7
D-81379 München
Germany
TEL:+49 (0)89-7876-0
FAX:+49 (0)89-7876-333
EMG:+49 (0)89-7876-0

Tradename : KLÜBERLUB NH1 11-222

1.2. Relevant identified uses of the substance or mixture and uses advised against

General description : GENERAL PURPOSE GREASE
Use : Various
Uses advised against : Data not available.

1.3. Details of the supplier of the safety data sheet

Supplier safety data sheet : Philips Electronics Nederland B.V., Philips Environment & Safety, High Tech Campus 37, 5656 AE Eindhoven, Tel. +31 (0)40 2747588
Responsible department : dangerous.goods@philips.com

1.4. Emergency telephone number

Emergency telephone number : +31 (0)497-598315

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

* (EC) No 1272/2008

* Hazardous to the aquatic environment - chronic Category 3 H412

2.2. Label elements

* (EC) No 1272/2008

* Hazard pictogram(s) : none

* Signal word : none

* Hazard statements

* H412 Harmful to aquatic life with long lasting effects.

* Precautionary statements

* P273 Avoid release to the environment.

* P501 Dispose of contents/container to a hazardous or special waste collection point.

Hazardous component(s) : not applicable

Remarks on labelling : The supplier may give a different label (Userlabel).

2.3. Other hazards

If applicable: see section 6.1 and section 7.1.

SECTION 3: Composition/information on ingredients

Component	CAS-no. EC-no.	Index No. Registration no.	Percentage(%)	Label
ALUMINIUM COMPLEX SOAP, INSOLUBLE				
HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-	95-38-5 202-414-9	01-2119777867-13	≥0.25 - <1.0	GHS05 GHS07 GHS09 H302 Acute tox. 4 H314 Skin corr. 1B H400 Aquatic acute 1 H410 Aquatic chronic 1
OLEOYL SARCOSINE, N-	110-25-8 203-749-3	01-2119488991-20	≥0.25 - <1.0	GHS05 GHS07 GHS09 H315 Skin irrit. 2 H318 Eye dam. 1 H332 Acute tox. 4 H400 Aquatic acute 1 H410 Aquatic chronic 1
2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	128-37-0 204-881-4	01-2119480433-40 01-211955270-46 01-2119565113-46	≥0.1 - <0.25	GHS07 GHS08 GHS09 H302 Acute tox. 4 H319 Eye irrit. 2 H341 Muta. 2 H400 Aquatic acute 1 H410 Aquatic chronic 1
WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)	8042-47-5 232-455-8	01-2119487078-27	≥70.0 - <90.0	GHS08 H304 Asp. tox. 1
WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)	8042-47-5 232-455-8	01-2119487078-27	≥1.0 - <10.0	

For the full text of the H-sentences mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- * **Skin** : Remove residue substance as soon as possible from the skin (f.i. rinse with plenty of water).
- * **Ingestion** : If the victim is conscious let him rinse the mouth with water. Do NOT let him drink. In case of general disorders call for a doctor.
- * **Inhalation** : Bring the victim into the fresh air as soon as possible, let rest and if necessary call for a doctor.
- * **Eyes** : Rinse for a long time with plenty of water. In case of eye-sight disturbances consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin	local	: The substance is irritating: redness, pain.
	general	: Probably no absorption worth mentioning.
Ingestion	local	: The substance is irritating: sore throat, abdominal pain.
	general	: Probably no absorption worth mentioning.
Inhalation	local	: The substance is with atomising irritating: sore throat, coughing.
	general	: Probably no absorption worth mentioning.
Eyes	local	: The substance is irritating: redness, pain.
Remarks symptoms		: None

4.3. Indication of any immediate medical attention and special treatment needed

For advice on further treatment contact a (national) poison center.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable fire-extinguisher

carbon dioxide, extinguishing powder, foam, water spray

Unsuitable fire-extinguisher

not traceable

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in fire : carbon monoxide, nitrous oxides, aluminium oxides

5.3. Advice for firefighters

In the event of fire, wear protective clothing and use breathing apparatus that is independent of the ambient air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Precautions

Use protective equipment. See section 8.
Read label before use.

Emergency procedure

Is not to be expected.

6.2. Environmental precautions

Remainder material or uncleaned empty packagings have to be incinerated in a proper installation or dumped on an approved landfill, in accordance with local and national legislation.

6.3. Methods and material for containment and cleaning up

Spillage procedure

Dependent on quantity spilled paste, one has the choice between: - remove with cleaning rag or paper, or - cover paste with Powersorb, sand, diatomite, vermiculite and suchlike. Shovel the material into plastic bag or other suitable packaging and remove to the central depot for hazardous waste.

6.4. Reference to other sections

See section 8 for appropriate personal protection.
See section 13 for additional information on waste treatment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe label precautions.

Do not eat, drink or smoke in work areas. Remove contaminated clothing and protective equipment. Wash hands after leaving the work area.

* **Local exhausting** : Under normal circumstances not applicable.

Storage code (on behalf of PGS 15) : none

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : See also any precautionary statements in section 2.2.
Store product in a closed, original container, cool, dry, in a well ventilated area.

7.3. Specific end use(s)

Data not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

applicable to: The Netherlands (20 °C; 1013 mbar)

No TWA has been laid down.

No TWA has been laid down.

No TWA has been laid down.

TWA(8 hours): 5 mg/m³

TWA(8 hours): 1.6 mg/m³

TWA(8 hours): 1.6 mg/m³

ALUMINIUM COMPLEX SOAP, INSOLUBLE

HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-

OLEOYL SARCOSINE, N-

2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL(as inhalable dust)

WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as oil aerosol, proposal Health Council)

WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as oil aerosol, proposal Health Council)

applicable to: Belgium (20 °C; 1013 mbar)

TWA(8 hours): 1 mg/m3 ALUMINIUM COMPLEX SOAP, INSOLUBLE(as aluminium, respirable dust)
TWA(8 hours): 2 mg/m3 2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL(fume)
TWA(8 hours): 5 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as oil aerosol)
TWA(15 minutes): 10 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as oil aerosol)
TWA(8 hours): 5 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as oil aerosol)
TWA(15 minutes): 10 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as oil aerosol)

applicable to: Germany (20 °C; 1013 mbar)

TWA(8 hours): 10 mg/m3 2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL
TWA(8 hours): 10 mg/m3 2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL(as inhalable dust)
TWA(15 minutes): 40 mg/m3 2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL(as inhalable dust)
TWA(8 hours): 5 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as respirable dust)
TWA(15 minutes): 20 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as respirable dust)
TWA(8 hours): 5 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as respirable dust)
TWA(15 minutes): 20 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as respirable dust)

applicable to: United States of America (25 °C; 1013 mbar)

TWA(8 hours): 1 mg/m3 ALUMINIUM COMPLEX SOAP, INSOLUBLE(as aluminium, respirable dust) - [according to ACGIH]
TWA(8 hours): 2 mg/m3 2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL(as inhalable dust and vapour) - [according to ACGIH]
TWA(8 hours): 5 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as mineral oil, inhalable dust) - [according to ACGIH]
TWA(8 hours): 5 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as mineral oil, inhalable dust) - [according to OSHA]
TWA(8 hours): 5 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as mineral oil, inhalable dust) - [according to ACGIH]
TWA(8 hours): 5 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as mineral oil, inhalable dust) - [according to OSHA]

applicable to: Sweden (20 °C; 1013 mbar)

TWA(8 hours): 1 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as oil aerosol)
TWA(15 minutes): 3 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)(as oil aerosol)
TWA(8 hours): 1 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as oil aerosol)
TWA(15 minutes): 3 mg/m3 WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)(as oil aerosol)

applicable to: Switzerland (20 °C; 1013 mbar)

TWA(8 hours): 10 mg/m3 2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL(as inhalable dust)
TWA(15 minutes): 40 mg/m3 2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL(as inhalable dust)

C=Ceiling; S=Skin

Remarks exposure limits :

none

DNEL (Derived No Effect Level)

Worker - Inhalation - Long term exposure - Systemic effects: 0.46 mg/m3 HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL
Worker - Inhalation - Short term exposure - Systemic effects: 14 mg/m3 ETHANOL, 2-(2-
Source : Supplier
Worker - Dermal - Long term exposure - Systemic effects: 60 µg/kg bw/day HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL
HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL
Source : Supplier
Worker - Dermal - Short term exposure - Systemic effects: 2 mg/kg bw/day ETHANOL, 2-(2-
Source : ECHA
Worker - Inhalation - Long term exposure - Systemic effects: 5.8 mg/m3 HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL
HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL
Source : ECHA
Worker - Dermal - Long term exposure - Systemic effects: 8.3 mg/kg bw/day 2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL
Source : ECHA
2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL
Source : ECHA

PNEC (Predicted No Effect Concentration)

Fresh water: 0.00003 mg/l HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL ETHANOL, 2-(2-
Source : Supplier
Marine water: 0.000003 mg/l HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL ETHANOL, 2-(2-
Source : Supplier
Fresh water sediment: 0.376 mg/kg HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL ETHANOL, 2-(2-
Source : Supplier
Marine water sediment: 0.0376 mg/kg HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL ETHANOL, 2-(2-
Source : Supplier

Soil: 0.075 mg/kg	HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-	Source	: Supplier
Sewage Treatment Plant (STP): 0.270 mg/l	HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-	Source	: ECHA
Fresh water: 0.00043 mg/l	OLEOYL SARCOSINE, N-	Source	: Supplier
Marine water: 0.00043 mg/l	OLEOYL SARCOSINE, N-	Source	: Supplier
Intermittent releases: 0.0043 mg/l	OLEOYL SARCOSINE, N-	Source	: Supplier
Sewage Treatment Plant (STP): 13 mg/l	OLEOYL SARCOSINE, N-	Source	: Supplier
Soil: 1.04 mg/kg	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	Source	: ECHA
Fresh water sediment: 1.29 mg/kg	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	Source	: ECHA
Marine water: 0.0004 mg/l	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	Source	: ECHA
Fresh water: 0.004 mg/l	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	Source	: ECHA
Intermittent releases: 0.004 mg/l	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	Source	: ECHA
Sewage Treatment Plant (STP): 100 mg/l	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	Source	: ECHA

8.2. Exposure controls

Advised personal protection :

Hands	:	butyl rubber gloves
Breakthrough time	:	For information: consult the supplier of the gloves.
* Eyes	:	safety goggles
Inhalation	:	none (when sufficient exhausting)
Skin	:	protective clothing (such as: apron, coverall, boots)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	paste	
Colour	:	yellow	
Odour	:	specific	
Odour threshold (20°C; 1013 mbar)	:	not traceable	
pH	:	not traceable	
Melting point/range	:	not traceable	
Boiling point/range	:	not traceable	
Flash point/range	:	not traceable	
Vapor rate/range	:	not traceable	
Flammability (solid, gas)	:	data not available	
Explosive limits	:	not traceable	
Vapour pressure	:	negligible	
Relative density	:	0.92 (water=1) (20 °C)	
Solubility in water	:	none	
Log Po/w	:	7.51	HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-
		6.83	OLEOYL SARCOSINE, N-
		4.2	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL
		>6	WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)
		>6	WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)
Autoignition temperature	:	not traceable	Source : Easi View
Decomposition temperature	:	not traceable	Source : Easi View
Viscosity	:	not traceable	Source : IUCLID
Dust explosions possible in air	:	not applicable	Source : CONCAWE
Oxidising properties	:	no	Source : CONCAWE

9.2. Other information

Solubility in fat	:	not traceable
Electrostatic chagement	:	no

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.2 - 10.6.

10.2. Chemical stability

The substance or mixture is stable under normal conditions. See also section 10.4.

10.3. Possibility of hazardous reactions

Reactions with water	:	no
Other hazardous conditions	:	Data not available.

10.4. Conditions to avoid

Data not available.

10.5. Incompatible materials

Hazardous reactions with : oxidizing substances

10.6. Hazardous decomposition products

Hazardous decomposition products at heating : none

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

LD-50: 1.265 g/kg (ORL-RAT)	HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-	Method : OECD 401
		Source : ECHA
LD-50: 9.2 g/kg (ORL-RAT)	OLEOYL SARCOSINE, N-	Source : Supplier
LD-50: 890 mg/kg (ORL-RAT)	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	Source : IUCLID
LD-50: >2 g/kg (ORL-RAT)	WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)	Source : CONCAWE
LD-50: >2 g/kg (ORL-RAT)	WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)	Source : CONCAWE

Acute dermal toxicity

LD-50: >2.0 g/kg (SKN-RBT)	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL	Source : ACROS
LD-50: >5 g/kg (SKN-RBT)	WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)	Source : Supplier

Acute inhalation toxicity

LC-50: 1.37 mg/l/4H (IHL-RAT)	OLEOYL SARCOSINE, N-	Source : Supplier
LC-50: >5 mg/l/4H (IHL-RAT)	WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)	Source : Supplier

Ames test

negative	HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-	Source : ECHA
negative	WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)	Source : IUCLID
negative	WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)	Source : IUCLID

Skin corrosion/irritation

The substance or mixture is not classified for skin corrosion/-irritation.

Serious eye damage/irritation

* The substance or mixture is not classified for serious eye damage/irritation.

Respiratory or skin sensitisation

The substance or mixture is not classified for respiratory or skin sensitisation.

Germ cell mutagenicity

The substance or mixture is not classified for germ cell mutagenicity.

Carcinogenicity

The substance or mixture is not classified for carcinogenicity.

Additional information regarding carcinogenicity (NTP, IARC, OSHA)

NTP: no	IARC: no	OSHA: no	HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-
NTP: no	IARC: no	OSHA: no	OLEOYL SARCOSINE, N-
NTP: no	IARC: 3	OSHA: no	2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL
NTP: no	IARC: no	OSHA: no	WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)
NTP: no	IARC: no	OSHA: no	WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)

Reproductive toxicity

The substance or mixture is not classified for reproductive toxicity.

Specific target organ toxicity-single exposure

The substance or mixture is not classified for specific target organ toxicity-single exposure.

Specific target organ toxicity-repeated exposure

The substance or mixture is not classified for specific target organ toxicity-repeated exposure.

Aspiration hazard

The substance or mixture is not classified for aspiration hazard.

Symptoms

Skin	local	: The substance is irritating: redness, pain.
	general	: Probably no absorption worth mentioning.
Ingestion	local	: The substance is irritating: sore throat, abdominal pain.
	general	: Probably no absorption worth mentioning.
Inhalation	local	: The substance is with atomising irritating: sore throat, coughing.
	general	: Probably no absorption worth mentioning.
Eyes	local	: The substance is irritating: redness, pain.
Remarks symptoms		: None

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

LC-50: 0.3 mg/l/96H (Fish)

HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-

Method : OECD 203

Source : ECHA

EC-50: 0.163 mg/l/48H (Daphnia)

HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-

Method : OECD 202

Source : ECHA

IC-50: 0.03 mg/l/72H (Algae)

HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-

Method : OECD 201

Source : ECHA

LC-50: ≥3.2 - ≤4.6 mg/l/96H (Fish)

OLEOYL SARCOSINE, N-

Source : Supplier

EC-50: 0.53 mg/l/48H (Daphnia)

OLEOYL SARCOSINE, N-

Source : Supplier

IC-50: 5.1 mg/l/72H (Algae)

OLEOYL SARCOSINE, N-

Source : Supplier

EC-50: 1.44 mg/l/48H (Daphnia)

2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL

Source : Sigma-Aldrich

IC-50: >0.42 mg/l/72H (Algae)

2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL

Source : IUCLID

LC-50: >1000 mg/l/96H (Fish)

WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)

Source : CONCAWE

LC-50: >1000 mg/l/96H (Fish)

WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)

Source : CONCAWE

12.2. Persistence and degradability

Biological oxygen demand : not traceable

Chemical oxygen demand : not traceable

Biological/chemical oxygen demand ratio : not traceable

Degradability : not

HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-

Method : OECD 301B

Source : ECHA

not readily

2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL

Method : OECD 301D

Source : ACROS

not

WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)

Method : OECD 301B

Source : IUCLID

not

WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)

Method : OECD 301B

Source : IUCLID

12.3. Bioaccumulative potential

Bioconcentration factor (BCF) : ≥230 - ≤2500

2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL

Method : OECD 305

Source : IUCLID

Log Po/w : 7.51

HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-

Source : Easi View

6.83

OLEOYL SARCOSINE, N-

Source : Easi View

4.2

2,6-DI-TERTIARY-BUTYL-4-METHYLPHENOL

Source : IUCLID

>6

WHITE MINERAL OIL (PETROLEUM) (VISC. <7 MPAS 40 CEL.)

Source : CONCAWE

>6

WHITE MINERAL OIL (PETROLEUM) (VISC. >20.5 MPAS 40 CEL.)

Source : CONCAWE

12.4. Mobility in soil

Henry Constant : 5.6E-9 atm m3/mol
9.31E-8 atm m3/mol

HEPTADEC-8-ENYL-2-IMIDAZOLIN-1-YL) ETHANOL, 2-(2-

Source : Easi View

OLEOYL SARCOSINE, N-

Source : Easi View

12.5. Results of PBT and vPvB assessment

Data not available.

12.6. Other adverse effects

Remarks on ecotoxicity : none

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Remainder material or uncleaned empty packagings have to be incinerated in a proper installation or dumped on an approved landfill, in accordance with local and national legislation.

SECTION 14: Transport information

14.1. UN number

* Not subject to Transport-regulation Dangerous Substances

14.2. UN proper shipping name

* Not subject to Transport-regulation Dangerous Substances

14.3. Transport hazard class(es)

* Not subject to Transport-regulation Dangerous Substances

14.4. Packing group

* Not subject to Transport-regulation Dangerous Substances

14.5. Environmental hazards

* Marine pollutant : no

14.6. Special precautions for user

Not subject to Transport-regulation Dangerous Substances

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Data not available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- All the ingredients in this product are listed on the USA EPA TSCA Inventory.

15.2. Chemical safety assessment

- Data not available.

SECTION 16: Other information

Remarks on SDS : none

Overview relevant H-sentences from all components in section 3

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H410	Very toxic to aquatic life with long lasting effects.

Training advice

Provide adequate information, instruction and training for operators.

A key or legend to abbreviations and acronyms used in the safety data sheet

REACH	Registration, Evaluation and Authorisation of Chemicals
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
CAS	Chemical Abstracts Service
TGG = TWA	Time Weighted Average
LEL	Lower Explosive Limit
UEL	Upper Explosive Limit
NTP	National Toxicology Program
KHC	Known Human Carcinogen
RAHC	Reasonably Anticipated Human Carcinogen
IARC	International Agency for Research on Cancer
OSHA	Occupational Safety & Health Administration
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
RID	Règlement concernant le transport international ferroviaire des marchandises dangereuses
UN	United Nations
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
EmS	Emergency Schedule

* Point to alterations with regard to the previous version.

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